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APPENDIX F

Calculation of Relative Magnitude of Pollutant/Stressor from MS4 Sources

Calculations for 911.1

	Total Acres	Relative Magnitude of Pollutant Load										
		Sedimentation/Siltation/ Solids/TSS	Turbidity	Indicator Bacteria	Low DO	Nutrients	Surfactants (MBAS)	TDS	Trash	Pesticides	Synthetic Organics	Toxicity
Commercial	460	2	2	3	1	2	3	2	3	2	2	2
Industrial	1053	3	3	1	1	1	2	3	3	1	3	3
Transportation	2291	3	3	1	1	1	1	2	2	1	3	3
Low Density Residential	1373	2	2	2	3	2	2	1	1	2	1	1
High Density Residential	577	2	2	3	3	2	2	1	2	2	1	1
Average Pollutant Load Magnitude Weighted by Land Area Acreages		2.6	2.6	1.6	1.7	1.4	1.7	1.8	2.0	1.4	2.2	2.2
Percentage of Land Area Scored "High"		58%	58%	18%	34%	0%	8%	18%	26%	0%	58%	58%

Calculations for 911.3

	Total Acres	Relative Magnitude of Pollutant Load										
		Sedimentation/Siltation/ Solids/TSS	Turbidity	Indicator Bacteria	Low DO	Nutrients	Surfactants (MBAS)	TDS	Trash	Pesticides	Synthetic Organics	Toxicity
Commercial	0	2	2	3	1	2	3	2	3	2	2	2
Industrial	0	3	3	1	1	1	2	3	3	1	3	3
Transportation	116	3	3	1	1	1	1	2	2	1	3	3
Low Density Residential	1224	2	2	2	3	2	2	1	1	2	1	1
High Density Residential	18	2	2	3	3	2	2	1	2	2	1	1
Average Pollutant Load Magnitude Weighted by Land Area Acreages		2.1	2.1	1.9	2.8	1.9	1.9	1.1	1.1	1.9	1.2	1.2
Percentage of Land Area Scored "High"		9%	9%	1%	91%	0%	0%	0%	0%	0%	9%	9%

Note: Municipal and institutional land uses are included with commercial in this analysis.

APPENDIX F

Calculation of Relative Magnitude of Pollutant/Stressor from MS4 Sources

Calculations for 911.5

	Total Acres	Relative Magnitude of Pollutant Load										
		Sedimentation/Siltation/Solids/TSS	Turbidity	Indicator Bacteria	Low DO	Nutrients	Surfactants (MBAS)	TDS	Trash	Pesticides	Synthetic Organics	Toxicity
Commercial	3	2	2	3	1	2	3	2	3	2	2	2
Industrial	0	3	3	1	1	1	2	3	3	1	3	3
Transportation	48	3	3	1	1	1	1	2	2	1	3	3
Low Density Residential	779	2	2	2	3	2	2	1	1	2	1	1
High Density Residential	72	2	2	3	3	2	2	1	2	2	1	1
Average Pollutant Load Magnitude Weighted by Land Area Acreages		2.1	2.1	2.0	2.9	1.9	1.9	1.1	1.1	1.9	1.1	1.1
Percentage of Land Area Scored "High"		5%	5%	8%	94%	0%	0%	0%	0%	0%	5%	5%

Calculations for 911.8

	Total Acres	Relative Magnitude of Pollutant Load										
		Sedimentation/Siltation/Solids/TSS	Turbidity	Indicator Bacteria	Low DO	Nutrients	Surfactants (MBAS)	TDS	Trash	Pesticides	Synthetic Organics	Toxicity
Commercial	105	2	2	3	1	2	3	2	3	2	2	2
Industrial	69	3	3	1	1	1	2	3	3	1	3	3
Transportation	1204	3	3	1	1	1	1	2	2	1	3	3
Low Density Residential	11804	2	2	2	3	2	2	1	1	2	1	1
High Density Residential	77	2	2	3	3	2	2	1	2	2	1	1
Average Pollutant Load Magnitude Weighted by Land Area Acreages		2.1	2.1	1.9	2.8	1.9	1.9	1.1	1.1	1.9	1.2	1.2
Percentage of Land Area Scored "High"		10%	10%	1%	90%	0%	1%	1%	1%	0%	10%	10%

Note: Municipal and institutional land uses are included with commercial in this analysis.